

- B. defining a model to describe a correlation between said at least one set of input data and said at least one set of output data; and
- C. using said model to obtain an input set combination to provide a predetermined output value for the process.

63. The strategic method of Claim 62, wherein said at least one set of input data is selected from the group consisting of at least one controllable input and at least one measurable input.

64. The strategic method of Claim 63, wherein said model comprises a function.

65. The strategic method of Claim 64, wherein said function is derived using at least one item selected from the group consisting of expert suggested advice, data derived functions and Design of Experiment.

66. The strategic method of Claim 65, wherein said model obtains said input set combination using at least one item selected from the group consisting of a neural network, Process Output Empirical Modeler and a numerical solver.

67. The strategic method of Claim 66, wherein said input set combination is comprised of at least one item selected from the group consisting of said at least one controllable input and said at least one measurable input, wherein said model controls said at least one controllable input.

68. The strategic method of Claim 63, further comprising the further step of using said model to predict an output value within constraints of said at least one set of input data.

69. The strategic method of Claim 63, wherein said model comprises an algorithm.

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